1632

RAW SEQUENCE LISTING   DATE: 01/24/2002
PATENT APPLICATION: US/09/242,202B   TIME: 10:10:09

Input Set : A:\20264236.app
Output Set: N:\CRF3\01242002\I242202B.raw

SEQUENCE LISTING   **Does Not Comply**
10 (1) GENERAL INFORMATION: **Corrected Diskette Needed**
12   (i) APPLICANT: Nelson, Edward L.
13   Nelson, Peter J.
15   (ii) TITLE OF INVENTION: NOVEL VECTOR FOR
16   POLYNUCLEOTIDE VACCINES
18   (iii) NUMBER OF SEQUENCES: 29
20   (iv) CORRESPONDENCE ADDRESS:
21   (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
22   (B) STREET: 345 PARK AVENUE
23   (C) CITY: NEW YORK
24   (D) STATE: NEW YORK
25   (E) COUNTRY: USA
26   (F) ZIP: 10154
28   (v) COMPUTER READABLE FORM:
29   (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
30   (B) COMPUTER: IBM PC COMPATIBLE
31   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
32   (D) SOFTWARE: MS WORD 97
35   (vi) CURRENT APPLICATION DATA:
C--> 36   (A) APPLICATION NUMBER: US/09/242,202B
C--> 37   (B) FILING DATE: 01-Nov-1999
39   (vii) PRIOR APPLICATION DATA:
40   (A) APPLICATION NUMBER: US60/023931
41   (B) FILING DATE: 14-AUG-1996
43   (viii) ATTORNEY/AGENT INFORMATION:
44   (A) NAME: KATHRYN M. BROWN
45   (B) REGISTRATION NUMBER: 34556
46   (C) REFERENCE/DOCKET NUMBER: 2026-4236US1
48   (ix) TELECOMMUNICATION INFORMATION:
49   (A) TELEPHONE: (212) 758-4800
50   (B) TELEFAX: (212) 751-6849
51   (C) TELEX: 421792

ERRORED SEQUENCES

688 (2) INFORMATION FOR SEQ ID NO: 20:
690   (i) SEQUENCE CHARACTERISTICS:
691   (A) LENGTH: 287 amino acids
692   (B) TYPE: amino acid
693   (D) TOPOLOGY: unknown
695   (ii) MOLECULE TYPE: protein

C--> 697   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
```
700 Pro Ala Pro Gly Ala Gly Gly Met Val His His Arg
701  1               5                  10
702 His Arg Ser Ser Ser Thr Arg Ser Gly Gly Gly Asp
703         15                  20
704 Leu Thr Leu Gly Leu Glu Pro Ser Glu Glu Glu Ala
705  25                  30                  35
706 Pro Arg Ser Pro Leu Ala Pro Ser Glu Gly Ala Gly
707             40                  45
708 Ser Asp Val Phe Asp Gly Asp Leu Gly Met Gly Ala
709     50                  55                  60
710 Ala Lys Gly Leu Ser Leu Pro Thr His Asp Pro Ser
711             65                  70
712 Pro Leu Gln Arg Tyr Ser Glu Asp Pro Thr Val Pro
713         75                  80
714 Leu Pro Ser Glu Thr Asp Gly Tyr Val Ala Pro Leu
715  85                  90                  95
717 Thr Cys Ser Pro Gln Pro Glu Tyr Val Asn Gln Pro
718         100                 105
719 Asp Val Arg Pro Pro Pro Ser Pro Arg Glu Gly Pro
720     110                 115                 120
727 Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu
728             125                 130
729 Arg Pro Lys Thr Leu Ser Pro Gly Lys Asn Gly Val
730         135                 140
737 Val Lys Asp Val Phe Ala Phe Gly Gly Ala Val Glu
738 145                 150                 155
739 Asn Pro Glu Tyr Leu Thr Pro Gln Gly Thr Cys Ser
740             160                 165
741 Pro Gln Pro Glu Tyr Val Asn Gln Pro Asp Val Arg
742     170                 175                 180
743 Pro Gln Pro Pro Ser Pro Arg Glu Gly Pro Leu Pro
744             185                 190
745 Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu Arg Pro
746         195                 200
747 Lys Leu Ser Pro Gly Lys Asn Gly Val Val Lys Asp
748 205                 210                 215
749 Val Phe Ala Phe Gly Gly Ala Val Glu Asn Pro Glu
750             220                 225
751 Tyr Leu Thr Pro Gln Gly Gly Ala Ala Pro Gln Pro
752     230                 235                 240
753 His Pro Pro Pro Ala Phe Ser Pro Ala Phe Asp Asn
754             245                 250
755 Leu Tyr Tyr Trp Asp Asp Pro Pro Glu Arg Gly Ala
756         255                 260
757 Pro Pro Ser Thr Phe Lys Gly Thr Pro Thr Ala Glu
E--> 758 269S                 270                 275
759 Asn Pro Glu Tyr Leu Gly Leu Asp Val Pro Val
760             280                 285
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/242,202B**

DATE: 01/24/2002
TIME: 10:10:10

Input Set : **A:\20264236.app**
Output Set: **N:\CRF3\01242002\I242202B.raw**

L:36 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:79 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:110 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:151 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:176 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:207 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:227 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:246 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:273 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:293 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:313 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:349 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:374 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:413 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:433 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:453 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:488 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:554 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:596 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:670 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:697 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:758 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
L:772 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:801 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:885 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:879 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:905 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:899 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:935 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:997 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1032 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1101 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1179 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]